

Sequence Comparison

; Sequence 8, Application US/08795430
; Patent No. 6130071
; GENERAL INFORMATION:
; APPLICANT: Alitalo, Kari
; APPLICANT: Joukov, Vladimir
; TITLE OF INVENTION: Vascular Endothelial Growth Factor C (VEGF-C)
; TITLE OF INVENTION: Protein and Gene, Mutants Thereof, and Uses Thereof
; NUMBER OF SEQUENCES: 57
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun
; STREET: 6300 Sears Tower, 233 South Wacker Drive
; CITY: Chicago
; STATE: Illinois
; COUNTRY: United States of America
; ZIP: 60606-6402
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/795,430
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/FI96/00427
; FILING DATE: 01-AUG-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/671,573
; FILING DATE: 28-JUN-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/601,132
; FILING DATE: 14-FEB-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/585,895
; FILING DATE: 12-JAN-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/510,133
; FILING DATE: 01-AUG-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/340,011
; FILING DATE: 14-NOV-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Gass, David A.
; REGISTRATION NUMBER: 38,153
; REFERENCE/DOCKET NUMBER: 28967/33691
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 312/474-6300
; TELEFAX: 312/474-0448
; TELEX: 25-3856
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 419 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-795-430-8

Query Match 99.6%; Score 2326; DB 4; Length 419;
Best Local Similarity 99.5%; Pred. No. 2.4e-203;
Matches 417; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

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Qy 1 MHS LGFFSVACSL LAAALLPGPREAPAAAAAFESGLDLSDAEPDAGEATAYASKDLEEQL 60
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Db 1 MHLLGFFSVACSL LAAALLPGPREAPAAAAAFESGLDLSDAEPDAGEATAYASKDLEEQL 60

Qy 61 RSVSSVDELMTVLYPEYWKM YKCQLRKGGWQH NREQANLNSRTEETIKFAAAHYNTEILK 120
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Db 61 RSVSSVDELMTVLYPEYWKM YKCQLRKGGWQH NREQANLNSRTEETIKFAAAHYNTEILK 120

Qy 121 SIDNEW RKTQCMPREVCIDVGKEFGVATNTFFKPPCVSVYRCGGCCNSEGLQCMNTSTSY 180
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Db 121 SIDNEW RKTQCMPREVCIDVGKEFGVATNTFFKPPCVSVYRCGGCCNSEGLQCMNTSTSY 180

Qy 181 LSKTLFEITVPLSQGPKPVTISFANHTSCRCMSKLDVYRQVHSIIRRSLPATLPQCQAAN 240
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Db 181 LSKTLFEITVPLSQGPKPVTISFANHTSCRCMSKLDVYRQVHSIIRRSLPATLPQCQAAN 240

Qy 241 KTCPTNYMWN NHICRCLAQEDFMFSSDAGDDSTDGFHDICGPNKELDEETCQCVCRAGLR 300
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Db 241 KTCPTNYMWN NHICRCLAQEDFMFSSDAGDDSTDGFHDICGPNKELDEETCQCVCRAGLR 300

Qy 301 PASCGPHKELDRNSCQCVCKNKLFP SQCGANREFDENTCQCVCKRTPRNQPLNPGKCAC 360
    ||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db 301 PASCGPHKELDRNSCQCVCKNKLFP SQCGANREFDENTCQCVCKRTPRNQPLNPGKCAC 360

Qy 361 ECTESPQKCLLKGKKFHHQTCSCYRRPCTNRQKACEPGFSYSEEVCRCPVPSYWQRPQMS 419
    ||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db 361 ECTESPQKCLLKGKKFHHQTCSCYRRPCTNRQKACEPGFSYSEEVCRCPVPSYWKRPQMS 419
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